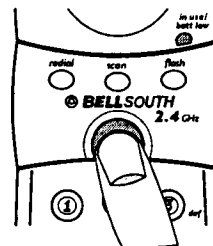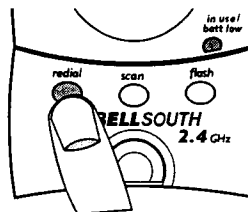## Placing Calls

1. Press the (talk) button. The IN USE LED indicator will light up.

2. Listen for a dial tone.

3. Dial the phone number.

4. When you have finished your call, press the (talk) button again. The IN USE LED indicator will turn off.

Redial Feature

1. If you get a busy tone, press the (talk) button to hang up.

2. Later, press the (talk) button again.

3. Listen for a dial tone.

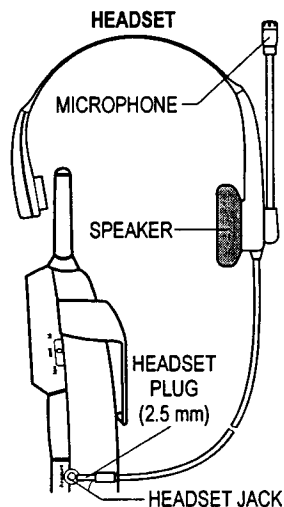4. Press the (redial) button. This will automatically redial the last telephone number you called.

Using the Headset Feature

Your telephone can utilize a headset (not included) to be connected to your **HANDSET** for you to enjoy hands-free communication. Insert the small plug at the end of the headset into the HEADSET JACK at the right side of the **HANDSET**. Follow the procedures discussed in "Receiving Calls" and "Placing Calls" to receive and place a call.

NOTE:
When you plug in the headset plug into the HEADSET JACK it automatically mutes the MICROPHONE and SPEAKER of the **HANDSET**. Unplug the headset to return the **HANDSET** to normal use.

Headsets are available at most retail outlets that sell telephone equipment. The HEADSET JACK is compatible with 2.5 mm headset plugs only.

HEADSET

MICROPHONE

SPEAKER

HEADSET PLUG (2.5 mm)

HEADSET JACK

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Storing Numbers

1. Be sure the **BASE UNIT** IN USE LED indicator is off and the **HANDSET** is in STANDBY mode (See Special Features Section).

2. Press the (memo) button.

3. Dial the number you want to store.

4. Press the (memo) button again.

5. Dial the TELEPHONE KEYPAD (0) ~ (9) button where you want to store that number. You will hear one confirmation "beep."

6. Write the name of the person you will be calling with that number next to the corresponding TELEPHONE KEYPAD on the TELEPHONE NUMBER CARD.

7. Repeat steps 1 through 6 for other telephone numbers.

EXAMPLE : To store the number 115-1968 under the TELEPHONE KEYPAD(1) button:

1 - Press the (memo) button.	4 - Press TELEPHONE KEYPAD (1) button.
2 - Dial 115-1968.	5 - You have stored 115-1968 under TELEPHONE KEYPAD (1) button.
3 - Press the (memo) button again.	

A total of 10 telephone numbers can be programmed in memory.

IMPORTANT: The maximum number of digits that can be stored for any phone number is 16 in PULSE or TONE mode. The maximum number of digits for mixed (TONE and PULSE in combination) dialing is 15. If you are using a switchboard system to access an outside line (such as an 8 or 9), press the (pause) button to store a PAUSE.
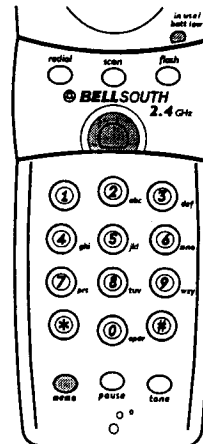
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Recalling Stored Numbers from Memory

1. Press the (talk) button.

2. Press the (memo) button.

3. Press the TELEPHONE KEYPAD for the number you have stored. The stored number will be dialed automatically.

EXAMPLE: To recall number 115-1968 stored under TELEPHONE KEYPAD (1) button:

- Press the (talk) button.

- Press the (memo) button.

- Press the TELEPHONE KEYPAD (1).

IMPORTANT
To obtain the best reception, be sure to raise or reposition the BASE UNIT ANTENNA.

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Security System

Your cordless telephone uses a digital coding security system to prevent unauthorized use of your telephone line by another nearby cordless telephone. The system has its own identifying signal created by microcomputers in both the **BASE UNIT** and the **HANDSET**.

Security Code

This telephone has an internal security code with 65,536 possible combinations.

Resetting Security Code and Channel Information

Communication between the **HANDSET** and the **BASE UNIT** may not be possible in any of the following situations:

1. After a power failure.
2. After relocating the **BASE UNIT** by disconnecting the **AC ADAPTOR**.
3. After replacing the **HANDSET** BATTERY PACK.

To reset, place the **HANDSET** on the **BASE UNIT** for 2 to 5 seconds.

Multi-Channel Access

Your cordless telephone lets you select a channel from the 50 frequencies available to transmit signals between the **BASE UNIT** and the **HANDSET**. When you notice interference from other cordless telephones, change to another channel by pressing the (scan) button on the **HANDSET**.

IMPORTANT
When you hear interference, press the **scan** button to change the operating channel.

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Recharging the BATTERY PACK

Battery Type

Use the following type and size of BATTERY PACK:
Cordless Telephone BATTERY PACK
3.6V, 600 mAh
U.S. Electronics Inc.
Ni-Cd BATTERY PACK: Model B650   Ni-Cd

This BATTERY PACK is available through:
U.S. Electronics Service Center
105 Madison Avenue
New York, NY 10016
1-800-828-5208

Recharging the BATTERY PACK

The nickel cadmium (Ni-Cd) BATTERY PACK in the **HANDSET** can be recharged many times using the built-in charger in the **BASE UNIT**.

When the BATT LOW LED indicator starts to blink rapidly, a "beep" sound will be heard every 12 seconds. This indicates that the BATTERY PACK needs to be recharged.

Charge the BATTERY PACK at least once every 90 days of non-use to avoid battery failure. When the BATTERY PACK can no longer be charged, replacement of the BATTERY PACK will be necessary.

The BATTERY PACK used in your telephone may develop a condition known as "MEMORY." Once subjected to a regular short discharging routine, the battery assumes the discharging pattern it was subjected to. This is known as a "MEMORY" condition which causes rapid discharging thereby shortening the BATTERY PACK charge span. If you believe your BATTERY PACK has developed a "MEMORY" condition, do not charge the **HANDSET** until the BATT LOW LED indicator comes on. When it does come on, charge the **HANDSET** fully for 12 hours.

IMPORTANT
In order to get maximum life from the HANDSET BATTERY PACK, be sure to charge the HANDSET for 12 hours before initial use.
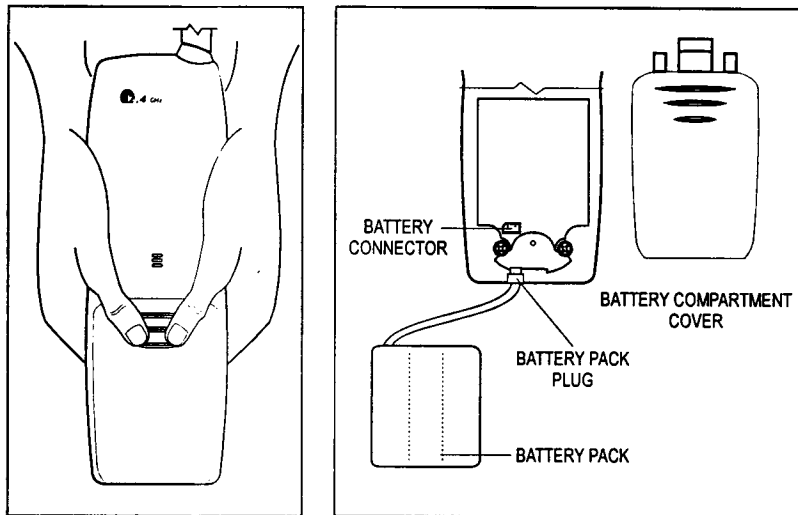
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Changing the BATTERY PACK

The BATTERY PACK provides power for the **HANDSET** of your cordless telephone.

To Replace the BATTERY PACK:
1. Remove the **HANDSET** BATTERY COMPARTMENT COVER by sliding it down.
2. Pull out the BATTERY PACK PLUG and remove the BATTERY PACK.
3. Plug the new BATTERY PACK into the BATTERY CONNECTOR.
4. Slide the **HANDSET** BATTERY COMPARTMENT COVER firmly into place in its closed position.
5. Before use, charge the new BATTERY PACK for 12 hours.

ATTENTION:
The product that you have purchased contains a rechargeable BATTERY PACK. The BATTERY PACK is recyclable. At the end of its useful life, under various state and local laws, it may be illegal to dispose of this BATTERY PACK into the municipal waste stream. Check with your local solid waste officials for details in your area for recycling options or proper disposal.

Remove the HANDSET BATTERY COMPARTMENT
COVER by sliding it down.

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Problem Solving Section

For your assistance, we have listed below a few common problems.

Phone does not work, check the following:
1. **BASE UNIT** is plugged into power source.
2. **HANDSET** is charged.
3. TONE/PULSE switch is in the right position.
4. TELEPHONE LINE CORD is plugged into the TELEPHONE JACK.

Range of phone limited, check the following:
1. ANTENNA on the **BASE UNIT** is raised.
2. **BASE UNIT** is centrally located in your residence.
3. **BASE UNIT** is not located near appliances.

No dial tone, check the following:
1. TELEPHONE LINE CORD plugs are connected to the TELEPHONE JACK and TELEPHONE LINE CONNECTION JACK.
2. **BASE UNIT** is plugged into a power source.
3. If you had a power failure or had unplugged the **BASE UNIT**, replace the **HANDSET** on the **BASE UNIT** for 2 to 5 seconds to reset the system.

Received signal flutters or fades, check the following:
1. BATTERY PACK in **HANDSET** is fully charged.
2. **HANDSET** is not too far from the **BASE UNIT**.
3. ANTENNA on the **BASE UNIT** is raised.

Interference on reception, check the following:
1. Noise may be picked up from electrical products in the home or electrical storms. Generally, this noise is a minor annoyance and should not be interpreted as a defect in your system. (See Technical Information on page 21).
2. Choose an alternate channel using the (scan) button on the **HANDSET**.

Excess static, check the following:
1. Check to see that the ANTENNA is not touching another metal object.
2. Raise or reposition the **BASE UNIT** ANTENNA.

If after pressing the (talk) button, you receive three "beeps" and no dial tone, check the following:
1. **BASE UNIT** is plugged into a power source.
2. If you had a power failure or had unplugged the **BASE UNIT**, replace the **HANDSET** on the **BASE UNIT** for 2 to 5 seconds to reset the system.

NOTE: If none of the telephones in the house are working, disconnect one set at a time to verify that none of the telephones are causing the problem. If you still have a problem after doing this, and your telephone still does not work, please contact your local phone company.

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Technical Information

This cordless telephone uses radio frequencies to allow mobility. There are certain difficulties in using radio frequencies with a cordless telephone. While these are normal, the following could affect the operation of your system.

Noise

Electrical pulse noise is present in most homes at one time or another. This noise is most intense during electrical storms. Certain kinds of electrical equipment such as light dimmers, fluorescent bulbs, motors, and fans also generate noise pulses. Because radio frequencies are susceptible to these noise pulses, you may occasionally hear them in your **HANDSET**. Generally they are a minor annoyance and should not be interpreted as a defect in your system.

Range

Because radio frequency is used, the location of the **BASE UNIT** can affect the operating range. Try several locations in your home or office and pick the one that gives you the clearest signal to the **HANDSET**.

Interference

Electronic circuits activate a relay to connect the cordless telephone to your telephone line. These electronic circuits operate in the radio frequency spectrum. While several protection circuits are used to prevent unwanted signals, there may be periods when these unwanted signals enter the **BASE UNIT**. You may hear clicks or hear the relay activate while you are not using the HANDSET. If the interference occurs frequently, it can be minimized or eliminated by lowering the height of your **BASE UNIT ANTENNA** or by relocating the **BASE UNIT**. You can check for interference before selecting the final **BASE UNIT** location by plugging in the phone.

NOTICE:

This cordless telephone uses radio communication between the **HANDSET** and the **BASE UNIT** and may not ensure privacy of communication. Other devices, including other cordless telephones, may interfere with the operation of this cordless telephone or cause noise during operation. Units not containing coded access may be accessed by other radio communication systems. Cordless telephones must not cause interference to any licensed radio service.

FCC Requirements

Federal Communications Commission Requirements

This equipment complies with Part 68 of the FCC Rules. A label on the **BASE UNIT** of this equipment contains, among other information, the FCC Registration Number and the Ringer Equivalence Number (REN) for this equipment. You must, upon request, provide this information to your telephone company.

The REN is also useful in determining the quantity of devices that you may connect to your telephone line and still allow these devices to ring when your telephone number is called. In most areas, but not all, the sum of the RENs for all devices connected to one line should not exceed five (5.0). To be certain of the number of devices that you may connect to your line, you should contact your local telephone company.

If your equipment should cause harm to the telephone network, the telephone company may temporarily disconnect your service. If possible, they will notify you in advanced that temporary discontinuance of service may be required. However, when advanced written notice is not possible, the telephone company may temporarily discontinue service without notice if such action is necessary under the circumstances. The telephone company may make changes in its communication facilities, equipment, operations, or procedures where such action is reasonably required in the operation of its business and is not inconsistent with the rules and regulations of the Federal Communications Commission. **Do not attempt to repair or modify this equipment.**

WARNING: Changes or modifications not expressly approved by the party responsible for its compliance could void the user's authority to operate the equipment.

Some cordless telephones operate at frequencies that may cause interference to nearby TVs and VCRs. To minimize or prevent such interference, the **BASE UNIT** of the cordless telephone should not be placed on or near a TV or VCR. If interference is experienced, moving the cordless telephone farther away from the TV or VCR will often reduce or eliminate the interference.

This equipment should not be used on coin telephone lines. Connection to party line service is subject to state tariffs. If trouble is experienced, disconnect this equipment from the telephone line to determine if it is causing the malfunction. If the equipment is determined to be malfunctioning, its use should be disconnected until the problem has been corrected.

IMPORTANT

In order to get maximum life from the HANDSET BATTERY PACK, be sure to charge the HANDSET for 12 hours before initial use.

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